Home Assistant Connect

ZBT-2

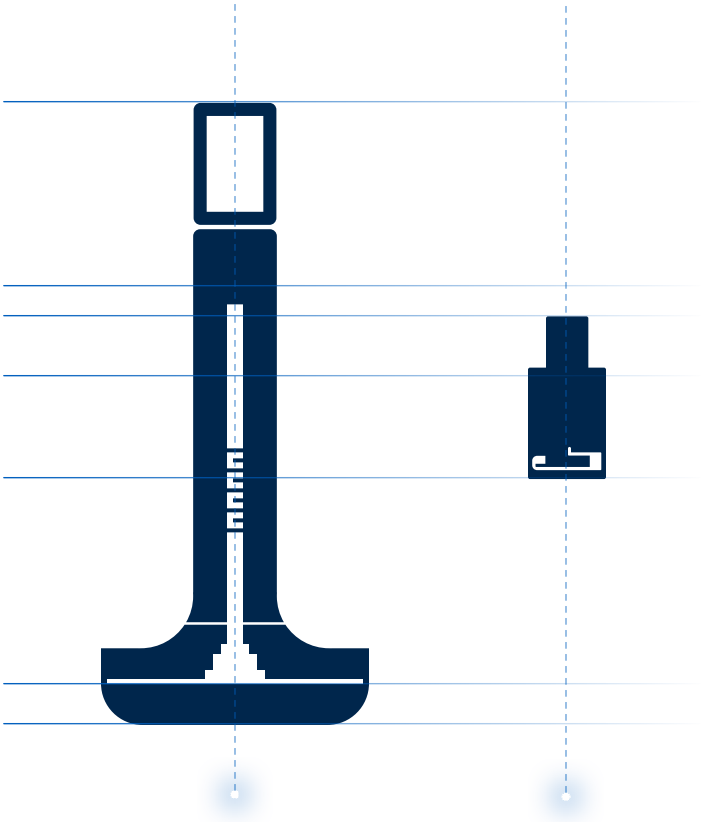
The easiest way to start with **Zigbee** or **Thread** is now even better.

Designed and built by NABU CASA OPEN HOME FOUNDATION

THE BEST JUST GOT BETTER

Precisely engineered

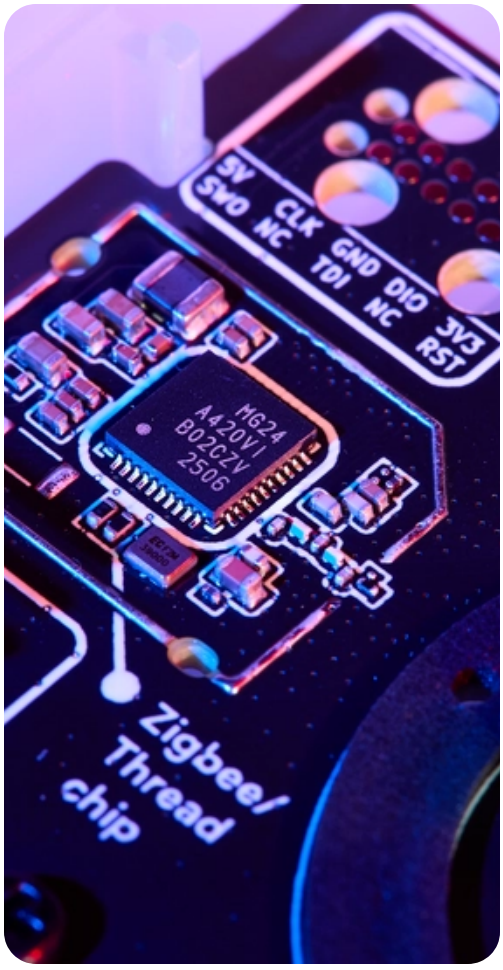
Optimized antenna providing the best possible connection to Zigbee or Thread devices. Along with opening up a world of Matter devices.



MG24

Updated internals

An updated Zigbee and Thread chip gives it the highest performance available, while providing a rock-solid, stable network.



More responsive

A 4x improvement in adapter speed consistently improves device responsiveness.

ZBT-1

Bd 115200

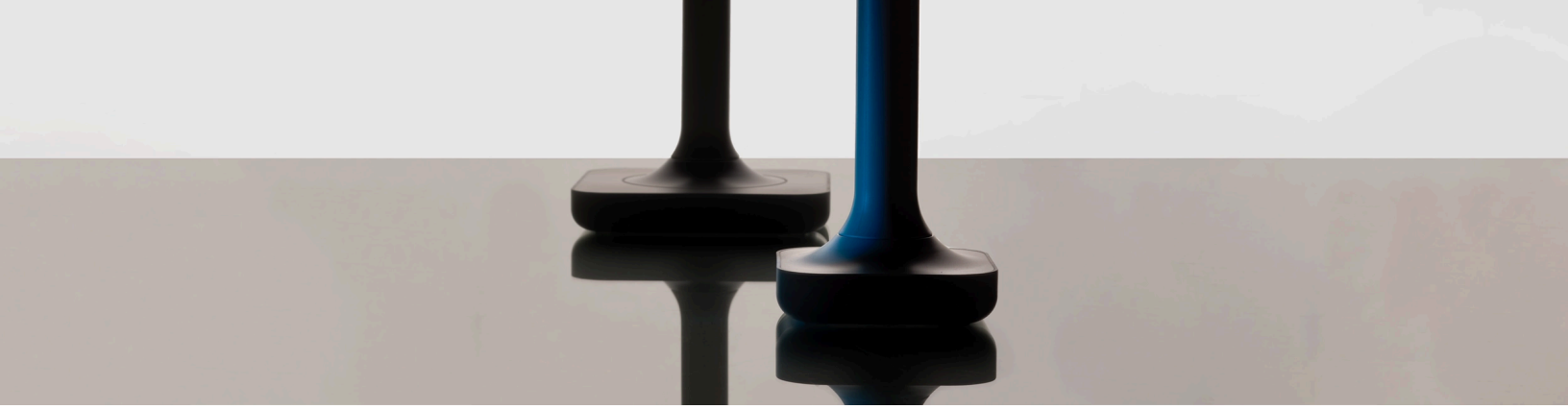
ZBT-2 4x

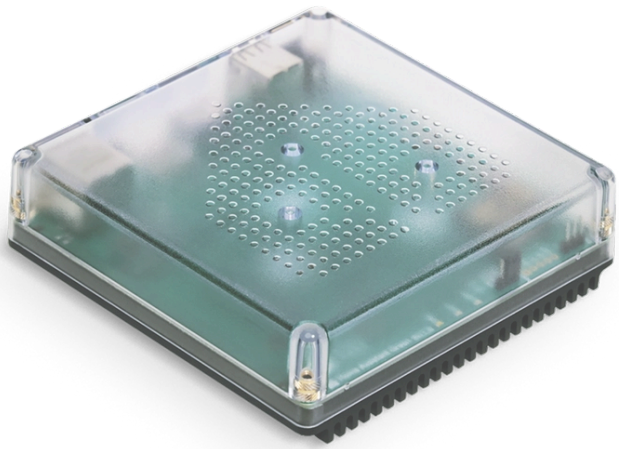
Bd 460800 FASTER

Second generation platform

After introducing ZWA-2, our Connect line continues to grow with the addition of the ZBT-2.

It may be smaller than its older brother, but it shares the same second generation design, delivering peak performance, an open platform, and a look that blends seamlessly into any home.





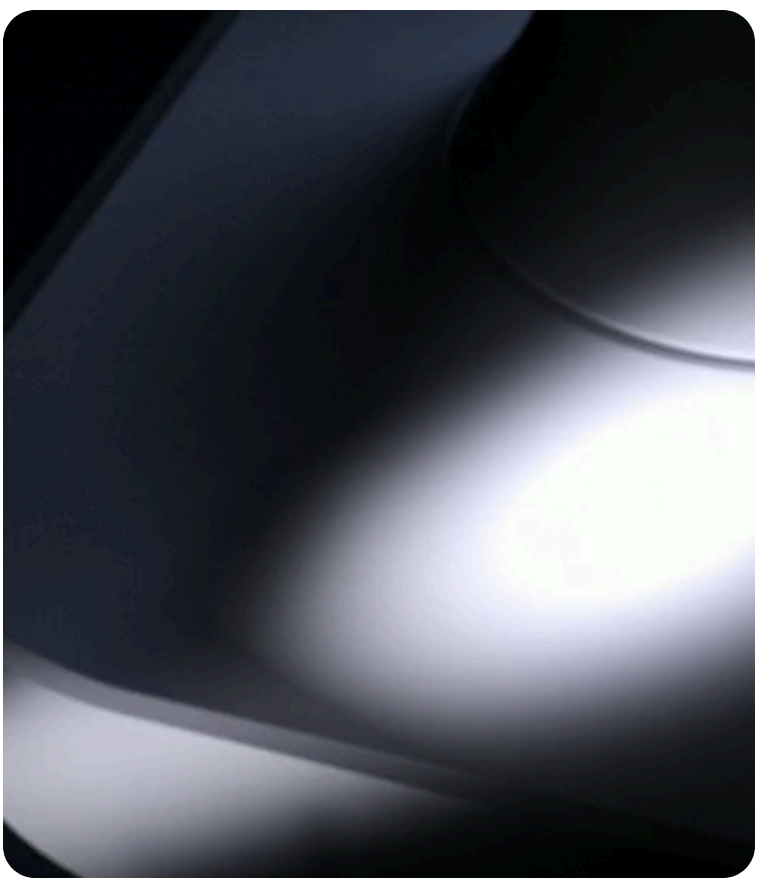
ZIGBEE OR THREAD MADE SEAMLESS

Built for Home Assistant

Designed by the team driving forward Home Assistant, ZHA, and Matter.js.

Plug and play

- The easiest way to get started with Zigbee or Thread, thanks to our intuitive start-up wizard and one-click updates.
- Seamlessly migrate your Zigbee or Thread network.
- Start up a new network in mere minutes by dedicating your Connect ZBT-2 to either Zigbee or Thread.



Brought to you by NABU CASA

Every purchase supports the Open Home

Nabu Casa designs and builds official Home Assistant hardware. As a commercial partner of the Open Home Foundation, Nabu Casa contributes the majority of its profits to the foundation. This means every purchase supports the development of projects like Home Assistant and ESPHome.

Get the ultimate Zigbee or Thread experience for just

$49/€45*

BUY NOW

*Recommended MSRP. Prices differ between regions due to varying local market costs and conditions, and subject to individual retailers.

TAKE BACK YOUR SMART HOME

Cut the clutter

Directly connect the Zigbee, Matter or Thread devices you already have (including Hue, IKEA Trådfri, and more!) to Home Assistant.

Choose what's best for your home

Connect ZBT-2 gives you the flexibility to run either a Zigbee or Thread network. Even though you need to select one, both technologies give devices a local connection, longer battery life, and reduces the strain on your home Wi-Fi.

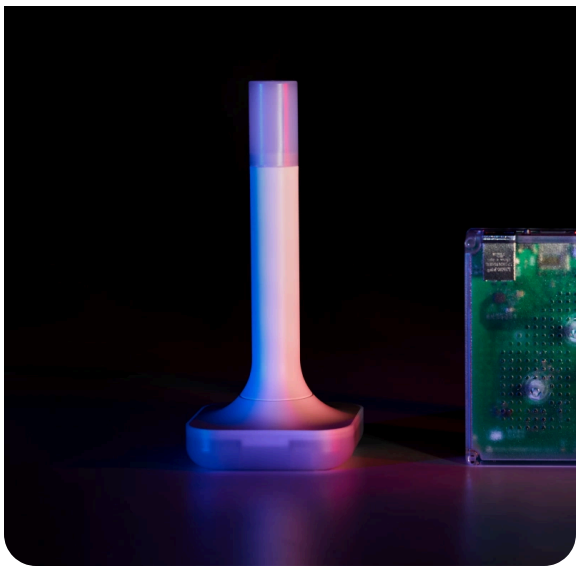
THREAD ZIGBEE

Thread has a big future

Thread is the latest smart home communication technology.

allowing you to directly connect
a wide range of Matter devices.

Home Assistant is Matter certified.



OPEN DESIGN

Built to be tinkered with

Unlocked, open source, and easy to open. No clips or glue, with accessible pads and pins.

Designed for

the home

From its injection-molded case, to its sleek lines, it's designed to blend into home decor.

Specifications

Dimensions and weight

Device	With box
83x83x179 mm	227x168x42 mm
157 g	350 g

Material

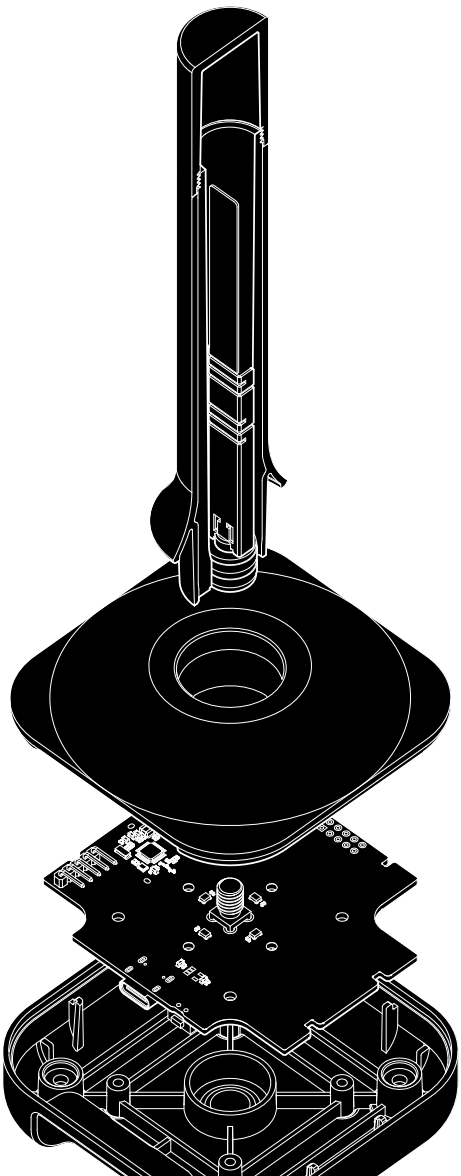
Enclosure	Colors
Polycarbonate plastic	White and semi-transparent

Product details

SoCs	Power/data
Silicon Labs MG24	USB-C, 5 V DC, 500mA
ESP32-S3 (USB-serial bridge)	

Supported protocols

Zigbee 3.0, Thread



Antenna characteristics

Different building materials and placement of the unit will affect the wireless connectivity range.

Frequency range:
2400-2483.5 MHz

Transmit power:
10 dBm (Europe)
8 dBm (rest of world)

Antenna dimensions:
24 mm diameter, 164mm height

Peak gain:
4.16 dBi

Radiation pattern:
Omnidirectional

Environmental conditions for operation

Indoor use only
0 °C to 65 °C (antenna -40 to +85 °C)
32 °F to 149 °F

Humidity: non-condensing
Keep in dry, not excessively dusty environment as this can cause damage to the unit

Do not leave the unit in direct sunlight or near any heat source, as this can cause overheating.

In the box

Antenna + Base
1.5m USB-C cable (USB 2.0/3.0)
Quickstart guide
Warranty and Safety Information

Got some questions?

What's the difference between Connect ZBT-1 and ZBT-2?

Does Connect ZBT-2 work with Zigbee2MQTT?

Why do I have to choose between Zigbee and Thread? Why not both?

Can I migrate from my old adapter?

Why are you not using Power-over-Ethernet (PoE)?

What devices is it compatible with?

Does Connect ZBT-2 work with Matter?

Can Connect ZBT-2 be used as a repeater?

Can I use Connect ZBT-2 as a Thread border router separately from Home Assistant?

Why is Connect ZBT-2 so big?

Will you be supporting Zigbee 4.0?

Integration Alerts
Security Alerts
System Status

COMPANION APPS

iOS and Apple devices
Android and Wear OS
...and more!

GOVERNANCE

Privacy Notices
Contributor License Agreement
Terms of Service
Code of Conduct
Credits
License

FOLLOW US

Sign up for our newsletter

For partnership inquiries please check out Works With Home Assistant. For media, get in touch here. For other questions, you can contact us here (No technical support!)

Website powered by Jekyll
Originally based on the Oscailte theme